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| FORM PTO-1449 (REV. 7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. KY-189 | SERIAL NO. |
| LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT S. ABE et al | |
| | | FILING DATE July 8, 2003 | GROUP |

U.S. PATENT DOCUMENTS

| * EXAMINER INITIAL | DOCUMENT | DATE | NAME | CLASS | SUBCLASS | FILING DATE (If Appropriate) |
|-----------------------|----------|------|------|-------|----------|---------------------------------|
| | AA | | | | | |
| | AB | | | | | |
| | AC | | | | | |
| | AD | | | | | |
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FOREIGN PATENT DOCUMENTS

| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|--------------|---------|---------|-------|----------|--------------------------|--------------------------|
| | | | | | | YES | NO |
| MF | AL 10-112391 | 4/28/98 | Japan | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AM | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AN | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AO | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AP | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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| | AR | | |
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| EXAMINER <i>M. Satcha</i> | DATE CONSIDERED 11/9/05 |
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
KY-189SERIAL NO.
10/614,104LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
S. ABE et alFILING DATE
July 8, 2003

GROUP

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT | DATE | NAME | CLASS | SUBCLASS | FILING DATE (If Appropriate) |
|---------------------|----------|------|------|-------|----------|---------------------------------|
| | AA | | | | | |
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FOREIGN PATENT DOCUMENTS

| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATIO | |
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| | | | | | | YES | NO |
| MF | AL 2003 234655 | 8/22/03 | JP | | | <input type="checkbox"/> | <input type="checkbox"/> |
| | AM | | | | | <input type="checkbox"/> | <input type="checkbox"/> |
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| | AP | | | | | <input type="checkbox"/> | <input type="checkbox"/> |

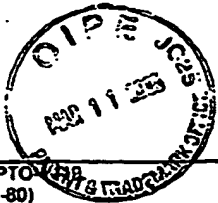
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

DATE CONSIDERED

11/9/05



Sheet 1 of 1

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| FORM PTO-98 (REV. 7-80) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. KY-189 | | SERIAL NO. 10/614,104. | |
| LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary) | | | | APPLICANT S. ABE et al | | | |
| | | | | FILING DATE July 8, 2003 | | GROUP 2673 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT | DATE | NAME | CLASS | SUBCLASS | FILING DATE (If Appropriate) |
| | AA | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
| MF | AL | 03-143017 | 06-18-91 | JP | | | <input type="checkbox"/> <input type="checkbox"/> |
| MF | AM | 03-088420 | 04-12-91 | JP | | | <input type="checkbox"/> <input type="checkbox"/> |
| MF | AN | 11-317653 | 11-16-99 | JP | | | <input type="checkbox"/> <input type="checkbox"/> |
| MF | AO | 05-218847 | 08-27-93 | JP | | | <input type="checkbox"/> <input type="checkbox"/> |
| MF | AP | 05-167424 | 07-02-93 | JP | | | <input type="checkbox"/> <input type="checkbox"/> |
| MF | AQ | 06-132806 | 05-13-94 | JP | | | <input type="checkbox"/> <input type="checkbox"/> |
| MF | AR | 09-214324 | 08-15-97 | JP | | | <input type="checkbox"/> <input type="checkbox"/> |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | AS | | | | | | |
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| | AT | | | | | | |
| EXAMINER M. Gutierrez | | | | DATE CONSIDERED 11/9/05 | | | |
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